

SYSTEM AND METHOD FOR CONTINUOUS BROADCAST SERVICE FROM  
NON-GEOSTATIONARY ORBITS

ABSTRACT OF THE DISCLOSURE

5           A method, apparatus for providing at least near continuous broadcast services to  
one or more terrestrial receiver stations is disclosed. The system comprises a plurality of  
satellites, each satellite in an inclined, elliptical geosynchronous orbit, each satellite  
providing a portion of the at least near continuous broadcast service to the terrestrial  
receiver. In one embodiment, the system also comprises a receiver station having an  
10   legacy antenna modified so as to include a sensitivity pattern substantially matched to the  
track of the apparent position of the satellites actively broadcasting information to the  
receiver stations. The present invention is also embodied in a method for receiving at  
least near continuous broadcast service from at least one of a plurality of satellites at a  
time, each satellite in an inclined, elliptical, geosynchronous orbit.

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